

READING/LANGUAGE ARTS



- Literature Circles
- Novel Studies
- Reading/Thinking Strategies
- Biography Study
- Readers' Theater
- Library Skills
- Multicultural studies
- Independent Reading/Accelerated Reader
- Poetry Reading/Writing
- Writing Workshop
- Writing Mechanics
- Research and Essay Writing
- Career Education
- Spelling

MATH

- Graphing (Bar, line, stem and leaf, scatterplots)
- Order of Operations
- Place Value (Decimals)
- +, -, x, ÷ Decimals
- One and two step algebraic functions
- Scientific notation and exponents
- Prime factorization
- Squares and square roots
- Fractions and mixed numbers
- Pythagorean Theorem
- Ratios, rates, proportions
- Perimeter/Area of triangles, parallelograms, trapezoids



SCIENCE

- Physics: Motion: Speed, velocity, acceleration
- Friction, gravity and Newton's laws
- Matter: States of matter, Pressure, buoyancy
- Atoms, Elements, Atomic History



- Ecology: Habitats, Biotic and Abiotic factors
- Dryland and Aquatic Biomes
- Carbon, Nitrogen and Water Cycles

SOCIAL STUDIES

- Concept of Culture
- Fertile Crescent
- Ancient Cultures: Egypt, India, China, Africa
- Ancient America: Mayan and Incan
- Ancient Greece and Rome
- Medieval Europe/Renaissance
- Geography

MUSIC

- History of Rock Music: African Origins, Blues, Rock and Roll, Hard Rock, Songwriters, Disco, Funk, 80's pop, Alternative Rock Origins
- Composer Studies
- Blues Compositions



HEALTH

- Digestive and Reproductive System
- Growth and Development
- Nutrition, Fad diets, Eating disorders
- Body image and self-esteem
- Sexually Transmitted Diseases

PHYSICAL EDUCATION

- Group and Individual Sports
- Emphasize group and individual responsibility and sportsmanship
- Develop skill levels for success and love of lifetime physical activity

TECHNOLOGY

- Keyboarding Skills
- Power Point, Word
- Internet Research, Webquests